

Water-Data Report NV-2005

10336500 PYRAMID LAKE NEAR NIXON, NV

TRUCKEE RIVER BASIN, PYRAMID-WINNEMUCCA LAKES

LOCATION.--Lat 39°59'05", long 119°30'00" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.3, T.24 N., R.22 E., Washoe County, Hydrologic Unit 16050103, 0.25 mi north of the Pyramid, 1.6 mi northeast of Anaho Island, and 13 mi northwest of Nixon.

DRAINAGE AREA.--2,720 mi².

WATER-STAGE RECORDS

REVISED RECORDS.--WSP 880: 1934-38 (bench mark). WSP 1090: 1926 (M). WRD NV-67-1: 1966.

GAGE.--Non-recording gage. Datum of gage is 3,940.29 ft, above National Geodetic Vertical Datum of 1929 (U.S. Coast and Geodetic Survey Bench Mark N-21), supplementary adjustment of 1956. Prior to Jan 1934, elevations were determined from Bench Mark No. 1 of General Lake Office using elevation of 3,882.26 ft, adjustment of 1912; to convert these records to present datum, add 0.81 ft Jan 1934 to Sep 1955 elevations were determined from Bench Mark N-21 using elevations of 3,940.04 ft, datum of 1929; to convert these records to present datum add 0.25 ft Oct 1955 to Aug 1968, non recording gages along southwest lake shore at present datum, Sep 1986 to current year, nonrecording gage along east lake shore near the Pyramid.

REMARKS.--Truckee Canal diverts water out of the basin to Lahonton Reservoir (station 10312100). Elevations are given to the nearest 0.1 ft and contents to four significant figures to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Elevations published in WSP 1314 for 1867 and 1871 (3,875.9 and 3,884.9 ft, respectively) have been revised to 3,867 and 3,876 ft, respectively, on the basis the data and conclusions of Hardman and Venstrom (American Geophysical Union Transactions, 1941, p. 71-90), and Harding (University of California Archives Report 16, 1965).

EXTREMES FOR CURRENT YEAR.--Maximum contents observed 22,486,000 acre-ft, May 31, elevation, 3,806.80 ft; minimum observed, 22,357,000 acre-ft, May 2, elevation 3,805.7 ft.

Monthend Elevation And Contents, In Feet Above Sea Level, Water Year October 2004 To September 2005

		Date		Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep	30	.....	.....	3,806.4	22,438,000	--
Oct	31	.....	.....	3,806.2	22,414,000	-24,000
Nov	30	.....	.....	3,806.0	22,390,000	-24,000
Dec	31	.....	.....	3,806.0	22,390,000	0
Calendar Year 2004				--	--	-314,000
Jan	31	.....	.....	3,805.9	22,379,000	-11,000
Feb	28	.....	.....	3,806.0	22,390,000	+11,000
Mar	31	.....	.....	3,806.0	22,390,000	0
Apr	30	.....	.....	3,805.7	22,357,000	-33,000
May	31	.....	.....	3,806.8	22,486,000	+129,000
Jun	30	.....	.....	3,806.8	22,486,000	0
Jul	31	.....	.....	3,806.8	22,486,000	0
Aug	31	.....	.....	3,806.3	22,426,000	-60,000
Sep	30	.....	.....	3,806.0	22,390,000	-36,000
Water Year 2005				--	--	-48,000

NOTE.--Monthend elevations are interpolated from readings made during the year.